

Simple Operation



Swab

Insert swab tip fully inside each nostril to collect specimen



Stir

Stir swab around the sample vial about 15 times



Inject

Close the cap, drive the sample into reaction chamber



Detect

Insert the card into the device and run the test



Read

Read Positive in 10 minutes and Negative in 35 minutes

Indicator Results

Power

Positive

Negative

Negative

No SARS-CoV-2 virus detected in your sample

Power

Positive

Negative

Positive

SARS-CoV-2 virus detected in your sample

Power

Positive

Negative

Invalid

Read the instructions and retest

Clinically Proven

The test is clinically proven to have PCR quality molecular accuracy. In the clinical studies that included individuals with and without COVID-19 symptoms, the test achieved 94% sensitivity and 100% specificity.



- 94% Sensitivity
- 100% Specificity * Validation with 101 clinical samples.

Limit of Detection

Concentration(copies/ml)	Detected/Tested
4.1×10^2	10/10
2×10^2	7/10
NTC (no template control)	0/200

seamaty

Pluslife Mini Dock COVID-19 Rapid Test

At-home with lab-quality results
that you could count on



Chengdu Seamaty Technology Co., Ltd.

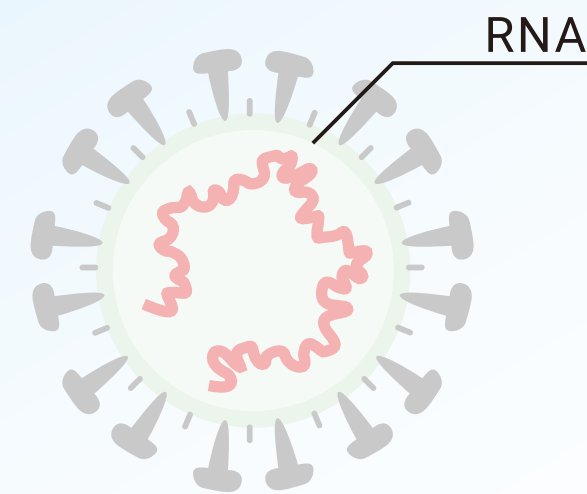


Pluslife Mini Dock PM001

Pluslife Mini Dock is a rapid molecular diagnostic system for detection of infectious diseases including the SARS-CoV-2 virus. Our self-developed isothermal amplification technique RHAM provides accurate results which are comparable to those of the highest sensitive lab PCR tests. Easy to use and small in size allows you to perform test at home in 35 minutes.

Isothermal Amplification Technique

The assay is based on RHAM, a self-developed isothermal amplification method. SARS-CoV-2 N gene is selected as the target region, based on which probe and primers are designed. In RHAM, target sequence is largely amplified and recognized by probe. When the probe hybridizes to the complementary sequence generated, it is cleaved and fluorescence is emitted. The device automatically detects and analyzes fluorescence signal, reporting results with indicator lights. The assay includes internal control for monitoring of sample collection, processing, and amplification to reduce false negative results.



Comparing to antigen test which detects specific proteins on the surface of the virus, Pluslife Mini Dock detects the presence of viral genetic material even at low levels and at different stages of an active infection (with or without symptoms), therefore there is a much lower chance of false-negative results and the assay is more accurate.

Features



ACCURATE

Based on RHAM (self-developed isothermal amplification technique), it provides a level of accuracy comparable to gold standard qPCR (Quantitative real-time PCR) tests



FAST

Detect positive results in as soon as 10 minutes and confirm negative results in 35 minutes



EASY

Require no special operating skills and anyone could run the test at home in 5 simple steps



POWERFUL

Pluslife Mini Dock is reusable and could perform tests not only for COVID-19, but infectious diseases such as STDs and more



ACCESSIBLE

Designed for both professional use in point-of-care test and use at home, at work, at travel or in the community

Specifications

Product Name	Pluslife Mini Dock
Model No.	PM001
Power Supply	DC5V/3A
Net Weight	240g
Dimension	101mm×86mm×63mm
Operating Environment	15°C~30°C
Storage	-20°C~+55°C

